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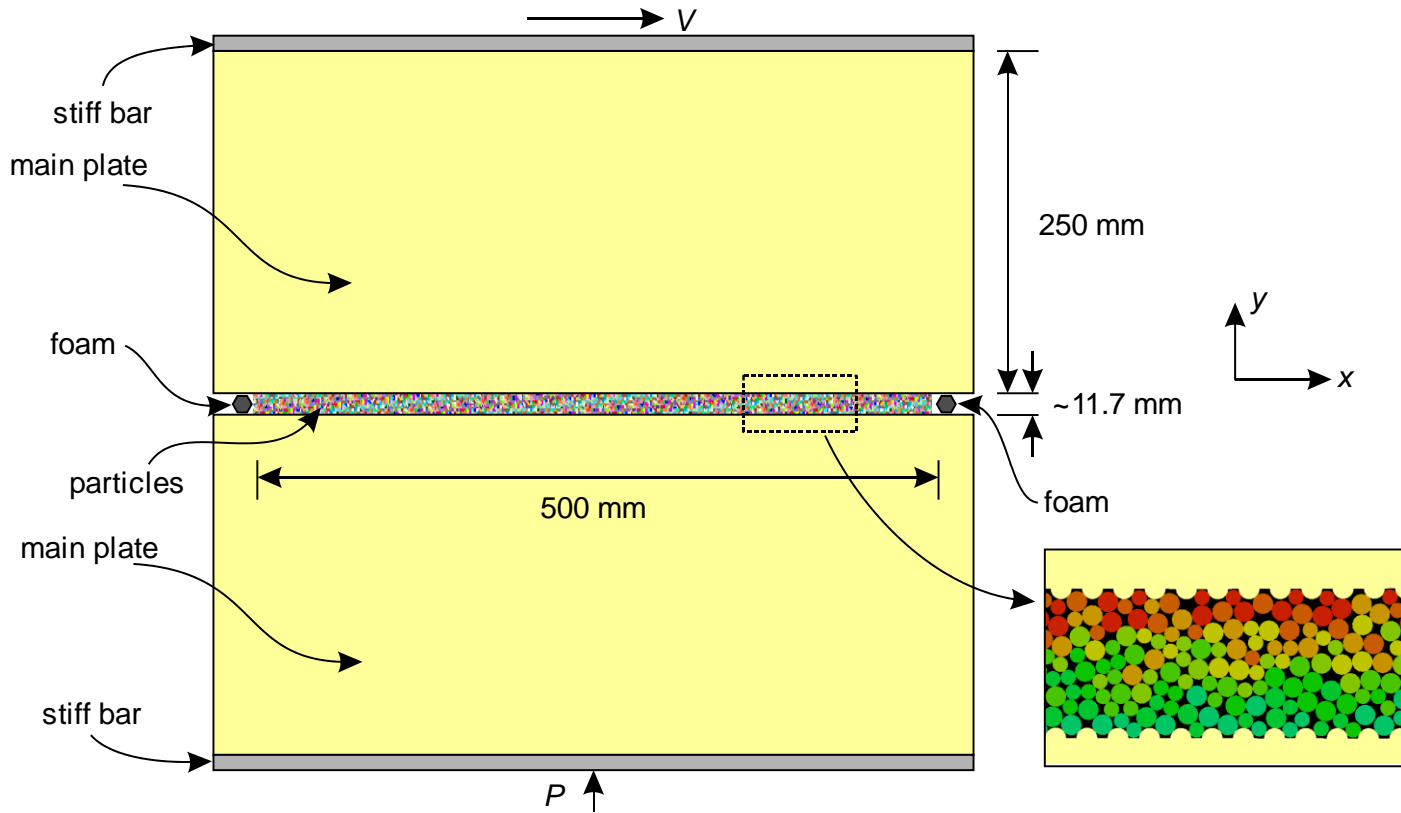
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**Institutional Computing
Year-End Report**

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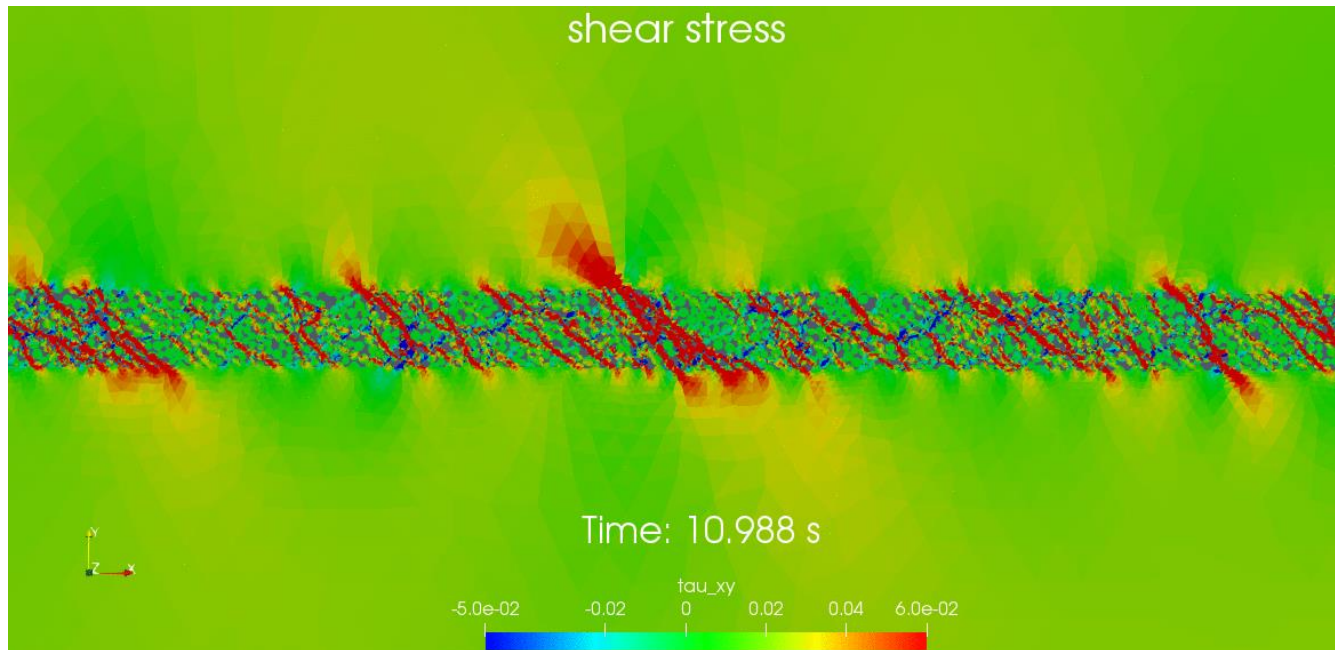
Simulation granular earthquake fault gouge using HOSS



Experimental setup

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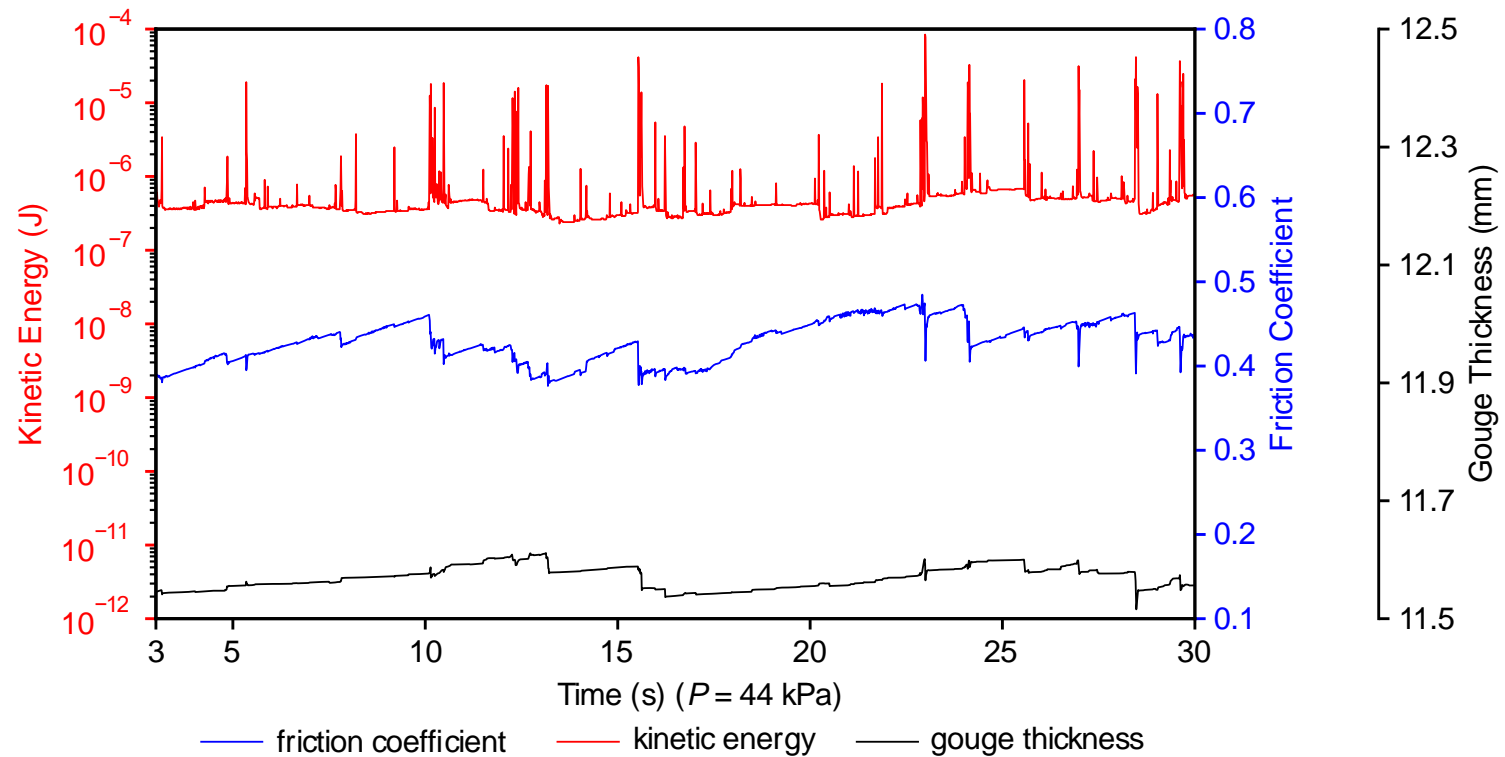
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Animation of stress change during stick-slip events

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Macroscopic friction coefficient, kinetic energy and gouge thickness evolution in sheared granular fault gouge under normal load of 44 kPa